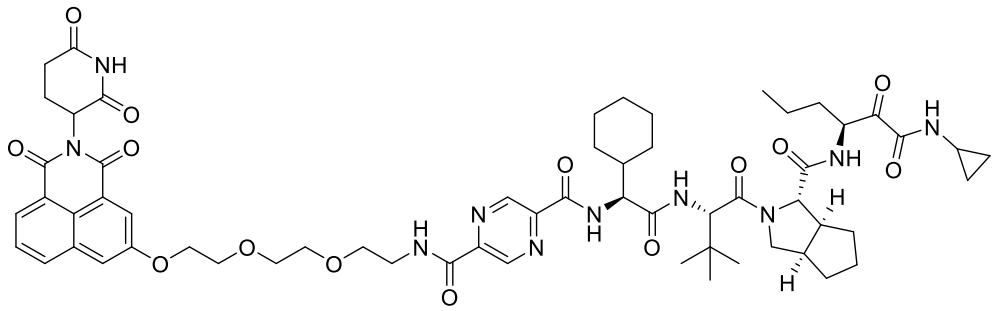
DGY-08-097



Chemical Formula: $C_{60}H_{76}N_{10}O_{14}$
Exact Mass: 1160.55
Molecular Weight: 1161.32

Category	Parameter	Description
Compound	Name	DGY-08-097
	Citation	Nat Commun. 2019 08 01; 10(1):3468. https://www.nature.com/articles/s41467-019-11429-w
	Chemical descriptors	[H][C@@]12CCC[C@]1([H])[C@H](N(C2)C(=O)[C@@H](NC(=O)[C@@H](NC(=O)C1=NC=C(N=C1)C(=O)NCCOCCOCCOC1=CC2=C3C(C=CC=C3C(=O)N(C3CCC(=O)NC3=O)C2=O)=C1)C1CCCCC1)C(C)(C)C)C(=O)N[C@@H](CCC)C(=O)C(=O)NC1CC1
	Chemical name	N2-((S)-1-cyclohexyl-2-(((S)-1-((1S,3aR,6aS)-1-(((S)-1-(cyclopropylamino)-1,2-dioxohexan-3-yl)carbamoyl)hexahydrocyclopenta[c]pyrrol-2(1H)-yl)-3,3-dimethyl-1-oxobutan-2-yl)amino)-2-oxoethyl)-N5-(2-(2-(2-((2-(2,6-dioxopiperidin-3-yl)-1,3-dioxo-2,3-dihydro-1H-benzo[de]isoquinolin-5-yl)oxy)ethoxy)ethoxy)ethyl)pyrazine-2,5-dicarboxamide
	Entries in chemical databases	PMID: 31371704
	Availability	N/A
	Papers that use the compounds	https://pubmed.ncbi.nlm.nih.gov/31371704/
In vitro profiling	Target (potency)	Protease inhibition IC50 = 247 nM
	Selectivity	N/A
	Potential reactivity	IMiD part
	SAR	N/A
	Mechanism of inhibition	Proteasomal degradation
	Structure of target-probe complex	N/A
Cellular profiling	Validation of cellular target	Target degradation and rescue
	Validation of cellular specificity	Proteomics in HEK293 cells
Pharmacodynamics		N/A
Pharmacokinetics		N/A

Synthetic scheme